

## Chris Harvey

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**From:** Petruska, Steve [spetrusk@sharpsec.com]  
**Sent:** Monday, January 07, 2008 10:55 AM  
**To:** Chris Harvey  
**Subject:** RE: Sharp Corporation , FCC ID: APYHRO00064, Assessment NO.: AN07T7411, Notice#1

Chris,

I have been advised that when the FeliCa device is transmitting, the mobile phone does not operate. (Mobile phone and FeliCa transmitting do not operate at the same time). So the SAR Report for Pt.22 can't cover co-location with the FeliCa transmitter.

Please let me know what else you will need to finish the review and issue the grants. The factory is actually scheduled to start production tomorrow, Jan 8th.

Thanks and regards,

Steve Petruska  
Sharp Electronics Corp.  
201-529-9689

-----Original Message-----

**From:** Chris Harvey [mailto:charvey@ieee.org]  
**Sent:** Wednesday, January 02, 2008 10:10 AM  
**To:** Petruska, Steve  
**Subject:** RE: Sharp Corporation , FCC ID: APYHRO00064, Assessment NO.: AN07T7411, Notice#1

Steve, thank you for providing this to me. Happy New Year to you too.

Since this is a composite device with multiple co-located transmitters under on FCC ID, there must be a separate application submitted for the FeliCa transmitter portion, albeit under the same FCC ID. I will include this report in my review, but the final review must be under a separate complete application, with co-location addressed in both applications (I think the SAR testing documentation submitted with the original part 22 application will need to be updated for co-location).

Please let me know if you have any questions.

Best regards,

Chris Harvey

-----Original Message-----

**From:** Petruska, Steve [mailto:spetrusk@sharpsec.com]  
**Sent:** Wednesday, January 02, 2008 9:40 AM  
**To:** Chris Harvey  
**Subject:** RE: Sharp Corporation , FCC ID: APYHRO00064, Assessment NO.: AN07T7411, Notice#1

Hi Chris,

Happy New Year.

Attached is the Part 15C test report for the FeliCa device incorporated in the subject equipment and a new model description exhibit which is revised accordingly.

Please proceed with your review of this application and let me know if you need any additional information.

Thanks,

Steve Petruska  
Sharp Electronics Corp.  
201-529-9689

-----Original Message-----

From: Chris Harvey [mailto:charvey@ieee.org]  
Sent: Thursday, December 13, 2007 12:50 PM  
To: Petruska, Steve  
Cc: 'Mike Kuo'  
Subject: RE: Sharp Corporation , FCC ID: APYHRO00064, Assessment NO.:  
AN07T7411, Notice#1

Thanks Steve. I will await the 15C report while I continue to review the submitted documents.

Best regards,

Chris Harvey

-----Original Message-----

From: Petruska, Steve [mailto:spetrusk@sharpsec.com]  
Sent: Thursday, December 13, 2007 12:45 PM  
To: Chris Harvey  
Cc: Mike Kuo  
Subject: RE: Sharp Corporation , FCC ID: APYHRO00064, Assessment NO.:  
AN07T7411, Notice#1

Chris,

Now I'm told the 15C report will not be ready until Dec. 26th.

Also, JQA provided us with the attached revised part 22 test report. Due to a change to the correction factor, page 19 was revised to indicate "Min Margin 20.4dB at 4233MHz" and the ERP value was corrected on page 40 and 41. Please replace the previously submitted report with this one.

Thanks,

Steve Petruska  
Sharp Electronics Corp.

-----Original Message-----

From: Chris Harvey [mailto:charvey@ieee.org]  
Sent: Wednesday, December 12, 2007 1:59 PM  
To: Petruska, Steve  
Cc: 'Mike Kuo'  
Subject: RE: Sharp Corporation , FCC ID: APYHRO00064, Assessment NO.:  
AN07T7411, Notice#1

Steve, thank you for your reply. I will await the 15C report for the FeliCa portion of this device (I have assumed it will be incorporated under the same FCC ID APYHRO00064). In the mean time I will start reviewing your responses and additional exhibits.

Best regards,

Chris Harvey

-----Original Message-----

From: Petruska, Steve [mailto:spetrusk@sharpsec.com]  
Sent: Wednesday, December 12, 2007 12:30 PM  
To: Chris Harvey

Cc: Mike Kuo  
Subject: RE: Sharp Corporation , FCC ID: APYHRO00064, Assessment NO.:  
AN07T7411, Notice#1

Hi Chris,

Thanks for your reply.

Item# 1

Attached are the User Manual documents. The FCC required information is in the "12-2" file on the page numbered 504.

Item# 3

I have been advised of the following:

The technical version is 3GPP R99.

This model has HSDPA capability, however it will only operate on the network in Japan, and this model has no HSUPA function.

A revised Model Description exhibit is attached. Please let me know if this is acceptable.

I have also been informed that this model incorporates a FeliCa device and a Part15C test report will be necessary. It is being prepared now and I expect to submit it next week.

Best regards,

Steve Petruska  
Sharp Electronics Corp.  
201-529-9689

-----Original Message-----

From: Chris Harvey [mailto:charvey@ieee.org]  
Sent: Tuesday, December 11, 2007 1:06 PM  
To: Petruska, Steve  
Cc: Mike Kuo  
Subject: RE: Sharp Corporation , FCC ID: APYHRO00064, Assessment NO.:  
AN07T7411, Notice#1

Steve, I do not have time to provide the details asked for item #3 at the moment. The FCC requirement for proper power and operational parameters for WCDMA devices. The SAR report does not provide much detail about how the EUT was operated to ensure that the power settings were correctly selected to satisfy the FCC's requirements for WCDMA. Also, there does not seem to technical details whether this device operates in accordance with 3GPP Release 5 or Release 6, and if it has HSDPA/HSUPA capabilities.

I have attached the FCC's October version of the 3G guidance. The laboratory should be able to provide confirmation about compliance with the FCC requirement.

I will await the submission of the Users Manual, as the information contained will be critical in determining the compliance and proper testing has been performed.

I expect to be back online later today.

Best regards,

Chris Harvey

-----Original Message-----

From: Petruska, Steve [mailto:spetrusk@sharpsec.com]  
Sent: Tuesday, December 11, 2007 10:56 AM  
To: charvey-tcb@ccsemc.com  
Subject: RE: Sharp Corporation , FCC ID: APYHRO00064, Assessment NO.:  
AN07T7411, Notice#1

Hi Chris,

Thanks for your review of the application.

1. The User Manual is still being finalized, but I expect to have it shortly. I will submit a copy as soon as I get it.
2. Regarding the DoC for compliance with Part 15B as a PC peripheral, please be advised that the equipment covered in this application will not be offered for sale or ever distributed in the United States. In the past we have inquired with the FCC and received confirmation that the DoC for Part 15B is not necessary for this device if it is not marketed in the US.
3. Can you please advise me further regarding the specific information needed to indicate compliance with the measurement procedure for 3G devices. We would like to know the scope of detail that is necessary.

Best regards,

Steve Petruska  
Sharp Electronics Corp.  
201-529-9689

-----Original Message-----

From: charvey-tcb@ccsemc.com [mailto:charvey-tcb@ccsemc.com]  
Sent: Monday, December 10, 2007 10:22 AM  
To: Petruska, Steve  
Cc: charvey-tcb@ccsemc.com  
Subject: Sharp Corporation , FCC ID: APYHRO00064, Assessment NO.: AN07T7411, Notice#1

Dear Steve Petruska,

You are listed as the Technical Contact for the above referenced TCB application. The following item(s) need(s) to be resolved before the review can be continued:

1. Please submit the Users Manual required by FCC 2.1033, which should include the required RF Exposure guidance as well as the information required by Pt. 15 for the Digital, DTV and FM portions of this device. (we note that the Users manual is specifically requested for short-term confidentiality)
2. The label on this device must address the Computer Peripheral operation of this device, since it connects to a computer. According to FCC 15.101, Computer Peripheral approval can either be by Declaration of Conformity (FCC Logo on the label) or by Certification (requires separate application, but can be under the same FCC ID). Please explain which approval process was used for the Computer Peripheral portion of this device and update any exhibits as necessary.
3. The RF report and SAR report do not indicate compliance with the FCC's 3G Measurement Procedure which can be found at:  
<https://fjallfoss.fcc.gov/oetcf/kdb/forms/FTSSearchResultPage.cfm?id=26930&switch=P> . Please determine which release of the 3GPP WCDMA standard this device is in compliance with, whether this has HSDPA and/or HSUPA capabilities

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.

Best regards,

Chris Harvey  
Charvey-tcb@ccsemc.com

